



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION IX

75 Hawthorne Street  
San Francisco, CA 94105-3901

April 21, 2006

FILE

Brian Wallace, Chairman  
Washoe Tribe of NV & CA  
919 Highway 395 South  
Gardnerville, NV 89410

**Subject: EPA's Evaluation of the Washoe Tribe of CA & NV's Source Water Assessment and Protection Cooperative Agreement (Grant ID# X6-97953601)**


Dear Mr. Wallace:

EPA has reviewed Washoe Tribe of CA & NV's performance under the Safe Drinking Water Act 1442 PWS Capacity - Source Water Protection Cooperative Agreement (ID# X6-97953601) for the budget and project periods of 07/1/03-12/31/05. This review was based on quarterly reports, end of project report and workplan deliverables submitted to EPA. We have concluded that you performed satisfactorily in all five core areas of grant performance (properly managed equipment, workplan progress, sufficient funds to complete the project, complying with all programmatic terms and conditions, and complying with all programmatic statutory and regulatory requirements).

I would like to acknowledge the hard work and dedication Marie Barry gave to this project. Due to Ms. Barry's efforts, the Tribe is aware of potential contamination sources and activities that pose potential threat(s) to the Tribe's drinking water supply, as well as its susceptibility to those potential threats; further, the Tribe has moved forward in protecting the drinking water supply.

Please contact me if you have any questions or comments regarding the attached report. I have enjoyed working with Washoe Tribe of NV & CA and look forward to future collaborations.

Sincerely,

  
Jamelya Curtis, Project Officer  
Ground Water Office

cc: Marie Barry, Washoe Tribe of NV & CA  
Denice Morphew, Washoe Tribe of NV & CA  
GwenL Brown, EPA

# Washoe Tribe of Nevada and California

## Environmental Protection Department



April 10, 2003

Ms. Gwen Brown  
US EPA Region 9  
Grants Management Office (PMD-7)  
Policy and Management Division  
75 Hawthorne Street  
San Francisco, CA 94105

Subject: Washoe R9 Tracking # 03-129

Dear Ms. Brown,

Please find attached the Washoe Tribe of Nevada and California's complete application kit, proposal, budget, work plan, and supporting materials for the US EPA SWPP grant. An electronic copy was also emailed to you today. A copy of the Tribe's Indirect Cost Rate, and needed certifications are on file at your office. The Tribe approved the Study and Wellhead Protection Policies April 11, 1997(attached) identified by the Wellhead Protection Program for Public Water-Supply Wells Serving the Communities of the Washoe Tribe.

We look forward to working in partnership with EPA to protect ground water resources on tribal lands. Please feel free to contact me at (775) 265-4191 x 153, if you have any questions or need additional information.

Sincerely,

A handwritten signature in black ink, appearing to be "M-B", with a long horizontal line extending to the right.

Marie Barry,  
Environmental Director

CC: WEPD file/EPA SWAPP, Grants Office, Kate R. Rao

# APPLICATION FOR FEDERAL ASSISTANCE

2. DATE SUBMITTED

4/9/03

Applicant Identifier

1. TYPE OF SUBMISSION

Application

Preapplication

☐ Construction

☒ Non-Construction

☐ Construction

☐ Non-Construction

3. DATE RECEIVED BY STATE

State Application Identifier

4. DATE RECEIVED BY FEDERAL AGENCY

Federal Identifier

5. APPLICANT INFORMATION

Legal Name: Washoe Tribe of Nevada and California

Organizational Unit: Washoe Environmental Department

Address (give city, county, state, and zip code):  
919 Highway 395 South, Gardnerville, Nevada 89410

Name and telephone number of the person to be contacted on matters involving this application (give area code)

A. Brian Wallace, Chairman (775) 265-4191 x 104

6. EMPLOYER IDENTIFICATION (EIN):

88 - 0120754

7.

TYPE OF APPLICANT: (enter appropriate letter here) K

A. State

H. Independent School District

B. County

I. State Controlled Institution of Higher Learning

C. Municipal

J. Private University

D. Township

K. Indian Tribe

E. Interstate

L. Individual

F. Intermunicipal

M. Profit Organization

G. Special District

N. Other (Specify): \_\_\_\_\_

8. TYPE OF APPLICATION:

X New ☐ Continuation ☐ Revision

If Revision, enter appropriate letter(s) in box(es): ☐ ☐

A. Increase Award

B. Decrease Award

C. Increase Duration

D. Decrease Duration

Other Specify: \_\_\_\_\_

9. NAME OF FEDERAL AGENCY:

U.S. Environmental Protection Agency

10. CATALOG OF FEDERAL

DOMESTIC ASSISTANCE NUMBER: 66 . 424

TITLE: Source Water Assessment and Protection

11. DESCRIPTIVE TITLE OF APPLICANT'S PROJECT:

Washoe Source Water Assessment and Protection project

12. AREAS AFFECTED BY PROJECT (cities, counties, states, etc.):

Washoe Reservation and Trust Lands.

Douglas and Carson City Counties, NV

Alpine County, CA

13. PROPOSED PROJECT:

14. CONGRESSIONAL DISTRICT OF:

Start Date

End Date

a. Applicant: CA: 14 Doolittle

NV: Gibbons

b. Project Same

7/1/03

6/30/04

15. Estimated Funding:

a. Federal

\$

60,500.00

b. Applicant

\$

c. State

\$

d. Local

\$

e. Other

\$

f. Program Income

\$

g. TOTAL

\$

60,500.00

16.

IS APPLICATION SUBJECT TO REVIEW BY STATE EXECUTIVE ORDER 12372 PROCESS?

a.

YES. THIS PREAPPLICATION/APPLICATION WAS MADE AVAILABLE TO THE STATE EXECUTIVE ORDER 12372 PROCESSES FOR REVIEW ON:

DATE \_\_\_\_\_

b.

NO.

☐ PROGRAM IS NOT COVERED BY E.O. 12372

☐ OR PROGRAM HAS NOT BEEN SELECTED BY STATE FOR REVIEW

17.

IS THE APPLICANT DELINQUENT ON ANY FEDERAL DEBT?

☐ Yes. If "Yes" attach an explanation.

X No

18.

TO THE BEST OF MY KNOWLEDGE AND BELIEF, ALL DATA IN THIS APPLICATION/PREAPPLICATION ARE TRUE AND CORRECT, THE DOCUMENT HAS BEEN DULY AUTHORIZED BY THE GOVERNING BODY OF THE APPLICANT AND THE APPLICANT WILL COMPLY WITH THE ATTACHED ASSURANCES IF THE ASSISTANCE IS AWARDED.

a. Typed Name of Authorized Representative. A. Brian Wallace

b. Title: Chairman

c. Telephone Number  
(775) 265-4191 x 104

d. Signature of Authorized Representative

RECEIVED

e. Date Signed  
4/9/03

BUDGET INFORMATION - Non-Construction Programs							OMB Approval No. 0348-0044
SECTION A - BUDGET SUMMARY							
Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		Total (g)	
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)		
1. SDWA 1442 (c) (3)	66.424	\$	\$	\$ 60,500.00	\$	60,500.00	
2.						0.00	
3.						0.00	
4.						0.00	
5. TOTALS		0.00	0.00	60,500.00	0.00	60,500.00	
SECTION B - BUDGET CATEGORIES							
6. OBJECT CLASS CATEGORIES	GRANT PROGRAM, FUNCTION OR ACTIVITY				Total (5)		
	(1)	(2)	(3)	(4)			
a. Personnel	\$ 29,935.00	\$	\$	\$	29,935.00		
b. Fringe Benefits	8,888.00				8,888.00		
c. Travel	1,095.00				1,095.00		
d. Equipment	3,778.00				3,778.00		
e. Supplies	1,420.00				1,420.00		
f. Contractual	7,575.00				7,575.00		
g. Construction					0.00		
h. Other	3,463.00				3,463.00		
i. Total Direct Charges (sum of 6a - 6h)	56,154.00				56,154.00		
j. Indirect Charges	4,346.00				4,346.00		
k. TOTALS (sum of 6i and 6j)	60,500.00				60,500.00		
7. Program Income	\$	\$	\$	\$	0.00		

SECTION C - NON-FEDERAL RESOURCES					
(a) Grant Program	(b) Applicant	(c) State	(d) Other Sources	(e) TOTALS	
8.	\$	\$	\$	0.00	
9.				0.00	
10.				0.00	
11.				0.00	
12. TOTAL (sum of lines 8 and 11)	0.00	0.00	0.00	0.00	
SECTION D - FORECASTED CASH NEEDS					
	(Total for 1st Year)	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
13. Federal	\$ 60,500.00	18,125.00	15,125.00	15,125.00	12,125.00
14. NonFederal		0.00	0.00	0.00	0.00
15. TOTAL (sum of lines 13 and 14)	60,500.00	18,125.00	15,125.00	15,125.00	12,125.00
SECTION E - BUDGET ESTIMATES OF FEDERAL FUNDS NEEDED FOR BALANCE OF THE PROJECT					
(a) Grant Program	FUTURE FUNDING PERIODS (Year)				(e) Fourth
	(b) First	(c) Second	(d) Third		
16.	\$	\$	\$	\$	\$
17.					
18.					
19.					
20. TOTALS (sum of lines 16 - 19)	0.00	0.00	0.00	0.00	0.00
SECTION F - OTHER BUDGET INFORMATION (Attach additional sheets if Necessary)					
21. Direct Charges: 56,154.00		22. Indirect Charges: 4,346.0			
23. Remarks: Approved 9.7% indirect cost rate is in EPA files.					

AUTHORIZED FOR LOCAL REPRODUCTION

**BUDGET CATEGORIES INFORMATION (FROM SF424A, SECTION B TOTALS)**

Enter Total Program Costs, i.e., Federal and Non-Federal Funds Combined

(Attach Separate Sheet(s) if necessary)

**Object Class Categories**

a. Personnel: (Program Staffing - include and indicate vacant positions)	Number in Position Class	Annual Salary Rate	Work Years	Personnel Costs
Position Title				
(1)	(2)	(3)	(4)	(5)
Environmental Director	1	52,645.00	4.25	4,105.00
Environmental Coordinator	1	41,288.00	.5	3,960.00
Sr. Natural Resource Policy Advisor	1	81,613.00	4.25	1,575.00
Environmental Specialist II	4	32,406.40	12	14,561.00
Environmental Specialist I	2	26,686.40	3	3,394.00
Administrative Assistant	1	23,129.60	9	2,340.00
<b>PERSONNEL CATEGORY TOTALS</b>	<b>10.00</b>	<b>257,768.40</b>	<b>33.00</b>	<b>29,935.00</b>
<b>b. FRINGE BENEFITS: TOTAL</b>				
<b>c. TRAVEL: TOTAL (Itemize below - See Sample pages)</b>				<b>1,095.00</b>

**BUDGET CATEGORIES INFORMATION (FROM SF424A, SECTION B TOTALS)**  
Enter Total Program Costs, i.e., Federal and Non-Federal Funds Combined

(Attach Separate Sheet(s) if necessary)

**Object Class Categories**

<b>d. Equipment:</b>		
<b>(1) List each item costing \$5,000 or more to be purchased for this project:</b>		
<b>SUB-TOTAL</b>		<b>0.00</b>
<b>(2) List items costing less than \$5,000. You may list the items by groups, as appropriate.</b>		
Computer (Software)		2,893.00
Scanner		185.00
Printer		250.00
Digital Camera		450.00
<b>SUB-TOTAL</b>		<b>3,778.00</b>
<b>COMBINED EQUIPMENT TOTAL</b>		<b>3,778.00</b>
<b>e. Supplies: List by groups, as appropriate.</b>		
General Office Supplies (\$35/mo. X 12 mo.)		420.00
Map rack		1,000.00
<b>SUPPLIES TOTAL</b>		<b>1,420.00</b>

# BUDGET CATEGORIES INFORMATION (FROM SF424A, SECTION B TOTALS)

Enter Total Program Costs, i.e., Federal and Non-Federal Funds Combined

(Attach Separate Sheet(s) if necessary)

## Object Class Categories

<p>f. <b>CONTRACTUAL:</b> List each planned contract separately, type of services to be procured, proposed procurement method (i.e. small purchase, formal advertising, competitive negotiations or non-competitive negotiations) and the estimated cost. Also, please indicate if the proposed contract performance period will go beyond the budget period of assistance for which this application is submitted.</p>	
<p>Vehicle lease, insurance and maintenance for ½ year.</p>	<p>4,500.00</p>
<p>Office Space (\$256.25 mo. X 12)</p>	<p>3,075.00</p>
<p>COMBINED CONTRACTUAL TOTAL</p>	<p>7,575.00</p>
<p>g. <b>CONSTRUCTION (N/A)</b></p>	
<p>h. <b>OTHER:</b> Explain by major categories any items not included in above standard budget categories. <b>Caution:</b> Do not include or proposed as a direct project cost, any cost that is indirect in nature (see OMB Circular A-87) or is included in the indirect cost pool on which the indirect cost rate (item j) is based.</p>	
<p>Cell phone (\$65/mo x 12 mo.)</p>	<p>780.00</p>
<p>Outside printing</p>	<p>1,000.00</p>
<p>Signs (for around water systems)</p>	<p>723.00</p>
<p>Internet access (\$40/mo. X 12 mo.)</p>	<p>960.00</p>
<p>OTHER TOTAL</p>	<p>3,463.00</p>
<p>i. <b>TOTAL DIRECT CHARGES:</b> (Sum of Items a. through h.)</p>	<p>\$ 56,154.00</p>
<p>j. <b>INDIRECT COSTS:</b> (Attach a copy of your latest indirect cost agreement)</p>	<p>\$ 4,346.00</p>
<p>k. <b>TOTAL PROPOSED PROGRAM COSTS</b> (Sum of Items i. and j.)</p> <p>SHARE: FEDERAL 100 % GRANTEE %</p>	<p>60,500.00</p>



# KEY PEOPLE LIST

Please show street address as well as Post Office Box Number where applicable.

## AGENCY DIRECTOR

(Individual who is authorized to sign the assistance agreement application and award acceptance).

Name: A. Brian Wallace  
Title: Chairman  
Address: 919 Highway 395 South  
Gardnerville, NV 89410  
Telephone: (775) 265-4191 x 104

## PROGRAM DIRECTOR

(Technical program director; generally the same individual as the "contact person" in block #5 of the application).

Name: Marie Barry  
Title: Environmental Director  
Address: 919 Highway 395 South  
Gardnerville, NV 89410  
Telephone: (775) 265-4191 x 153

## FINANCE DIRECTOR

(This is the person who is responsible for (1) maintaining the accounting/financial management system supporting grant expenditures; (2) preparing financial reports; and (3) maintaining the Letter of Credit. If any of these responsibilities are located in another office, please so indicate by showing below the name(s), title(s) organization name(s), address and telephone.)

Name: Bob Porfiri  
Title: Finance Director  
Address: 919 Highway 395 South  
Gardnerville, NV 89410  
Telephone: (775) 265 - 4191 x 123

**U.S. Environmental Protection Agency  
Source Water Protection Program (SWPP)  
Grant Proposal (Revised 9 April 03)  
For the Washoe Tribe of Nevada and California  
919 Highway 395 South, Gardnerville, NV 89410**

**Contact Person**

Marie Barry, Washoe Environmental Protection Department, Director  
(775) 265-4191 x 153 FAX: (775) 265-6240

**Tribal Source Water Assessment Planning/Protection Project Grant Proposal**

**I. GENERAL BACKGROUND INFORMATION**

The Washoe Tribe of Nevada and California is a federally recognized Indian Tribe organized pursuant to the Indian Reorganization Act of June 18, 1934, as amended. The Tribe has four communities, three in Nevada and one in California (Stewart, Carson, Dresslerville, and Woodfords). Each community is supplied by ground water, the water systems are Tribally owned and operated by the Washoe Utilities Management Authority (WUMA). Table 1. Identifies the Washoe water system names, number of hook-ups, estimated population serviced, land base, type of water source, and ownership.

**A. Table 1.**

Water System Name	Hook-ups:	Population Serviced (Approximate based on outdated data)	Current # wells	# Identified in the WHP	Land Base	Type: Ground or Surface	Ownership Status
Carson	85	337	3	3	160	G	Tribal
Dresslerville	168	500	2	1	795	G	Tribal
Stewart	52	138	1	1	242	G	Tribal
Woodfords	65	503	5	3	80	G	Tribal
Police/Court	4	>25	1	1	NA	G	Tribal
Tribal Headquarters	1	>25	1	1	NA	G	Tribal

**II. GRANT PROPOSAL SUMMARY**

**A. Purpose and Goals**

The purpose of this project is to begin implementation of the recommendations in the Wellhead Protection Program Report by Hydro Geo Chem, Inc. Three areas are addressed in their report. The first two fall within the SWPP Management Measures and Tools. First, the suggested management strategies include zoning, design standards, site plan reviews and ground water monitoring. The second recommendation describes new well siting and construction standards.

**Measure 1: Management Measures/Tools:**

Agreements with Douglas County, Carson City and the Carson City Sewer Department need to be negotiated to incorporate source water protection objectives into zoning ordinances, and to create potential overlay zones for managing land use within protection areas.

Washoe Tribe of Nevada and California  
EPA SWPP Full-Proposal FY03

Implementation measures include:

1. Research existing state/county regulations/ordinances and relationship building/planning and meeting with local communities and state counterparts on existing WHP work being accomplished around the Tribal Communities.
2. Identify groundwater concerns with local communities and Tribal Communities.
3. Start dialogue with local governments regarding development of cooperative agreements regarding zoning and overlay zones for source water protection.
4. Evaluate the Washoe Wellhead Protection Policies.
5. Conduct Potential Contamination Activity (PCA) inventory on all wells.
6. Update Wellhead Plans (GPS new public source water production wells not identified in the WHP).

**Measure 2: Contingency Plans**

The final recommendation of the Hydro Geo Chem, Inc. report is to develop contingency plans for response in the event of an interruption in groundwater supply due to either contamination or equipment problems. These plans should address both short-term solutions and long-term responses. Long-term solutions may require negotiations with non-Tribal municipalities for alternative water service. These negotiations will most likely be beyond the scope of this proposal. However, much of the short term contingency planning can be completed and is addressed below in the workplan.

**B. Staff Capability**

Washoe Environmental Protection Department (WEPD) with the support of the Tribal Council has initiated many specific environmental restoration and protection projects (streambank restoration, well instrumentation, chemical and biological monitoring of surface water) to protect groundwater and surface water quality. WUMA currently has a certified operator with over 15 years of experience with the Tribal systems. Due to the current outdated status of WUMA the Tribal Council supports WEPD to build its capacity in this particular media to modernize WUMA, and to set priorities for future needs of the organization. A consultant will be hired to identify new well site locations and to develop recommendations on construction standards. The Sr. Resource Advisor will be tasked with the development of cooperative agreements with local governments regarding zoning and overlay zones for source water protection.

The Washoe Tribe has a long commitment to the restoration of Tribal lands and the aboriginal homelands. Several laws and plans to protect the environment of Tribal lands have been established, including a Planning Development law, Water Code (1999), Environmental Protection Code, and Land Use Management Plan. In the past three years, the 106 Program accomplishments include, final approved drafts on Nonpoint Source Assessment and Management Program (2000), Sampling and Analysis Plan for the Water Quality Monitoring Program (2000). Currently, WEPD is waiting for Tribal approval on the second draft of the Water Quality Standards. In addition the WEPD staff in the last couple of years have conducted groundwater protection activities.

Washoe Tribe of Nevada and California  
EPA SWPP Full-Proposal FY03

**C. Proposed FY03 Budget July 1, 2003 through June 30,2004**

LINE ITEM	CALCULATION	EPA Request
<b>PERSONNEL</b>		
Environmental Director	\$28.31/hr x 145hrs	4,105
Environmental Coordinator	\$22.00hr x 180hrs	3,960
Sr. Natural Resource Policy Advisor	\$35.00/hr x 45hrs	1,575
Environmental Specialist II	18.91hr x 770hrs	14,561
Environmental Specialist I	\$14.14 x 240hrs	3,394
Administrative Assistant	\$12.00 x 195hrs	2,340
<b>Subtotal Personnel</b>		<b>29,935</b>
<b>Fringe Benefits</b>		
FICA	0.0765	2,290
SUTA	0.018	539
SIIS	0.0221	662
Health Insurance	\$350/mo x 1 FTE x 12 mo.	4200
Vacation Liability	0.04	1,197
<b>Subtotal Fringe Benefits</b>		<b>8,888</b>
<b>Subtotal Personnel &amp; Fringe</b>		<b>38,823</b>
<b>TRAVEL</b>		
Local travel	3,000 x .365 to water systems, meetings, and trainings	1,095
<b>Subtotal Travel</b>		<b>1,095</b>
<b>SUPPLIES</b>		
General office supplies	35 mo. X 12 mo.	420
Map rack	Storage for maps of water systems/lines/hydrants/ etc.	1,000
<b>Subtotal Supplies</b>		<b>1,420</b>
<b>EQUIPMENT</b>		
Computer (software), scanner/printer, digital camera		3,778
<b>Subtotal Equipment</b>		<b>3,778</b>
<b>CONTRACTUAL</b>		
Vehicle lease, insurance, maintenance	1/2 year lease	4,500
Office space	\$256.25 mo. x 12 mo.	3,075
<b>Subtotal Contractual</b>		<b>7,575</b>
<b>OTHER</b>		
Cell phone x 1	\$65/mo x 12 mos x 1	780
Outside printing	Updated WHP Plan and Contingency Plan	1,000
Signs	Signs for water systems	723
Internet access	\$40/mo x 12 mos x 1	960
<b>Subtotal Other</b>		<b>3,463</b>
<b>TOTAL DIRECT COST</b>		<b>56,154</b>
<b>TOTAL INDIRECT COST</b>		
(9.7% minus contractual & equipment)		4,346
<b>TOTAL PROJECT/PROGRAM COST</b>		<b>60,500</b>

### **III. GRANT WORK PLAN & DELIVERABLES**

In full support of the WEPD, the Tribal Council passed a Resolution on November 15, 2002 to continue efforts needed to protect groundwater resources in FY03. These tasks are not covered under other EPA grants. The following workplan outlines the tasks to be completed from July 1, 2003 through June 30, 2004. Attached please find a table workplan with additional information requested in the SWPP guidance.

#### **TASK 1: Program Administration**

This task includes all activities necessary to administer the grant and the administration activities associated with other tasks described herein.

##### **Activities:**

1. Prepare reports to EPA and Washoe Tribal Council. (Quarterly reports will include the status of each task, any delays and expected completion dates, expenditures per budget category, and applicable deliverables.)
2. Schedule staff activities.
3. Prepare deliverables.
4. Grant administration activities.
5. Purchase supplies and equipment.

##### **Deliverables:**

1. Quarterly reports.
2. Tribal Council reports regarding this project.

#### **TASK 2: Management and Regulation**

The activities identified in this task will serve as a first step in the long-term goal of the development of cooperative agreements with local governments, Carson City, Carson City Sewer Department, and Douglas County, regarding zoning regulations and commercial activity overlay zones for Washoe Tribal Source Water Protection.

##### **Activities:**

1. Research existing local zoning regulations and commercial activity overlay zones within the identified wellhead protection areas.
2. Meet with local communities and state counterparts on existing WHP work being done in the areas around the Tribe.
3. Identify local groundwater concerns.
4. Evaluate the Washoe Wellhead Protection Policies. What is the status of the current policies? Are there any improvements that could be made to the policy to make it work for the Tribe? Draft amendments if needed.
5. Update Tribal Council on the existing policy and make recommended changes to the policy if needed.

##### **Deliverables:**

1. Report on the activities 1-4 completed and summary of identified priorities, future needs, and what next steps can be taken to get a cooperative agreement with the local water/sewer agencies.
2. Status summary of Washoe Wellhead Protection Policy.

Washoe Tribe of Nevada and California  
EPA SWPP Full-Proposal FY03

**TASK 3: Update Wellhead Plans**

This task includes activities to review and update wellhead plans for each of the public water supply wells in each of the communities. In addition to locating two new well sites at Stewart and Dresslerville for future water sources.

**Activities:**

1. Review existing plans and identify needed changes. GPS new wells. Contact Contractor that developed the WHP and try to get electronic copy. If not available: redo WHP to make an electronic document.
2. Modify plans as needed.
3. Identify what management strategies the Tribe wants to implement. Review the existing wellhead protection recommendations from the WHP and set priorities on how to address and/or manage them.
4. Update the Potential Contamination Activity (PCA) inventory on all wells. Use GPS develop data dictionary, collect data.
5. Submit modified plans to Tribal Council for approval.
6. Input existing data into database and train WUMA personnel how to use the computer software and database.

**Deliverables:**

1. Copy of revised WHP with modifications approved by Tribal Council.

**TASK 4: Development of Contingency Plans**

This task includes activities to establish up-to-date procedures necessary to utilize alternative water supply sources in the event of contamination or loss of existing drinking water sources.

**Activities:**

1. Compile up-to-date description of water systems
2. Identify alternative water supply options
3. Develop notification roster (in the event of contamination or other interruption of service)
4. Identify priority water users and conservation measures
5. Develop Washoe Contingency Plan using EPA template.
6. Prepare educational brochure for distribution to tribal members regarding contingency plans in the event of water supply emergency

**Deliverables:**

1. Copy of developed Washoe Contingency Plan.
2. Copy of the developed educational brochure for tribal members on contingency plan in the event of a water supply.

**WASHOE TRIBE OF NEVADA AND CALIFORNIA**  
**SWPP FY03**  
**WORKPLAN**  
**JULY 1, 2003 THROUGH JUNE 30, 2004**

Description of Tasks	Output	Date Deliverable is Due to EPA	Hours	Date* Start End	Staff
<p><b>1</b></p> <p><b>TASK 1: Program Administration</b></p> <p>This task includes all activities necessary to administer the grant and the administration activities associated with other tasks described herein.</p> <p><u>Activities:</u></p> <ol style="list-style-type: none"> <li>1. Prepare reports to EPA and Washoe Tribal Council</li> <li>2. Schedule staff activities.</li> <li>3. Prepare deliverables.</li> <li>4. Grant administration activities.</li> <li>5. Purchase supplies and equipment.</li> </ol>	<ol style="list-style-type: none"> <li>1. Quarterly reports and annual report. See Final Proposal for guidelines.</li> <li>2. Copy of Tribal Council reports regarding this project.</li> </ol>	<ol style="list-style-type: none"> <li>1. 7/30/03, 12/31/03, 3/31/04, 6/30/04</li> <li>2. Quarterly</li> </ol>	<p>80 hours 80 hours 40 hours 15 hours</p>	<ol style="list-style-type: none"> <li>1. 7/1/03 – 6/30/04</li> <li>2. 7/1/03 – 6/30/04</li> <li>3. 7/1/03 – 6/30/04</li> <li>4. 7/1/03 – 6/30/04</li> <li>5. 7/1/03 – 5/1/04</li> </ol>	<p>PD EC ES II AA</p>
<p><b>2</b></p> <p><b>TASK 2: Management and Regulation</b></p> <p>The activities identified in this task will serve to develop in the long-term cooperative agreements with local governments, Carson City, Carson City Sewer Department, and Douglas County, regarding zoning regulations and commercial activity overlay zones for Washoe Tribal Source Water Protection.</p> <p><u>Activities:</u></p> <ol style="list-style-type: none"> <li>1. Research existing local zoning regulations and commercial activity overlay zones within the identified wellhead protection areas.</li> <li>2. Meet with local communities and state counterparts on existing WHP work being done in the areas around the Tribe.</li> <li>3. Identify local groundwater concerns.</li> <li>4. Evaluate the Washoe Wellhead Protection Policies. What is the status of the current policies? Are there any improvements that could be made to the policy to make it work for the Tribe? Draft amendments if needed.</li> <li>5. Update Tribal Council on the existing policy and make recommended changes to the policy if needed.</li> </ol>	<ol style="list-style-type: none"> <li>1. Report on the activities 1-4 completed and summary of identified priorities, future needs, and what next steps can be taken to get a cooperative agreement with the local water/sewer agencies.</li> <li>2. Status of Washoe Wellhead Protection Policy.</li> </ol>	<ol style="list-style-type: none"> <li>1. Final Report.</li> <li>2. 3/31/04 Quarterly Report and include in final report.</li> </ol>	<p>20 hours 40 hours 160 hours 80 hours 10 hours</p>	<ol style="list-style-type: none"> <li>1. 7/15/03 – 10/1/03</li> <li>2. 7/15/03 – 3/15/04</li> <li>3. 7/15/03 – 4/1/04</li> <li>4. 8/1/03 – 5/1/04</li> <li>5. October and May Tribal Council meetings.</li> </ol>	<p>PD EC ES II SNRPA AA</p>

WASHOE TRIBE OF NEVADA AND CALIFORNIA  
SWPP FY03  
WORKPLAN (Revised 9 April 03)

Description of Tasks	Output	Date Deliverable is Due to EPA	Hours	Date* Start End	Staff
<p><b>3</b></p> <p><b>TASK 3: Update Wellhead Plans</b></p> <p>This task includes activities to review and update wellhead plans for each of the public water supply wells in the communities. In addition to locating two new well sites at Stewart and Dresserville for future water sources.</p> <p><u>Activities:</u></p> <ol style="list-style-type: none"> <li>1. Review existing plans and identify needed changes. GPS new wells. Contact Contractor that developed the WHP and try to get electronic copy. If not available redo WHP to make an electronic document.</li> <li>2. Modify plans as needed.</li> <li>3. Identify what management strategies the Tribe wants to implement. Review the existing wellhead protection recommendations from the WHP and set priorities on how to address and/or manage them.</li> <li>4. Update the Potential Contamination Activity (PCA) inventory on all wells. Use GIS data.</li> <li>5. Submit modified plans to Tribal Council for approval.</li> <li>6. Input existing data into database and train WJUMA personnel how to use the computer software and database.</li> </ol>	<p>1. Copy of Plan modifications approved by Tribal Council.</p>	<p>1. Final Report</p>	<p>20 hours 35 hours 250 hours 160 hours 160 hours 160 hours</p>	<p>1. 7/1/03 - 10/1/03 2. 9/1/03 - 5/1/04 3. 9/1/03 - 5/1/04 4. May meeting</p>	<p>PD EC ESII ESI AA GS</p>
<p><b>4</b></p> <p><b>TASK 4: Development of Contingency Plans</b></p> <p>This task includes activities to establish up-to-date procedures necessary to utilize alternative water supply sources in the event of contamination or loss of existing drinking water sources.</p> <p><u>Activities:</u></p> <ol style="list-style-type: none"> <li>1. Compile up-to-date description of water systems</li> <li>2. Identify alternative water supply options</li> <li>3. Develop notification roster (in the event of contamination or other interruption of service)</li> <li>4. Identify priority water users and conservation measures</li> <li>5. Develop Washoe Contingency Plan using EPA template.</li> <li>6. Prepare educational brochure for distribution to tribal members regarding contingency plans in the event of water supply emergency.</li> </ol>	<p>1. Copy of developed Washoe Contingency Plan.</p> <p>2. Copy of the developed educational brochure for tribal members on contingency plan in the event of a water supply emergency.</p>	<p>1. Attach to 3/31/04 quarterly report.</p> <p>2. Attached to Final Report.</p>	<p>25 hours 25 hours 320 hours 80 hours 10 hours 16 hours</p>	<p>1. 8/1/03 - 9/1/03 2. 8/1/03 - 3/1/04 3. 8/1/03 - 9/1/03 4. 8/1/03 - 6/1/04 5. 9/1/03 - 3/31/04 6. 3/1/04 - 6/1/04</p>	<p>PD EC ES II ESI AA GS</p>



**WASHOE TRIBE OF NEVADA AND CALIFORNIA**  
**SWPP FY03**

**WORKPLAN (Revised 9 April 03)**

All tasks will include the Washoe Utility Management Authority and the Board as much as possible.

**\* WEPP Use Only**

Submitted by: Marie Barry

Date: 4/9/03

Personnel	Codes	Wage
Program Director	PD	28.31/hr
Sr. Natural Resource Policy Advisor	SRPA	35.00/hr
Environmental Coordinator	EC	22.00/hr
Environmental Specialist II	ES II	18.91/hr
Administrative Assistant	AA	12.00/hr
GIS Specialist	GS	18.91/hr